

CLAIMS:

1. Device for placing a lamp in a reflector, said device comprising:
 - a socket for holding a lamp and
 - a back plate to be secured to the reflector,

characterized in that

5 said socket (1) is provided with a main body part (2), with a reference plane (16) to be brought into contact with the a reflector surface, with means (3) for holding the lamp at one side of the reference plane, with a resilient annular spring (5) secured to the main body part at the opposite side of the reference plane, and with two upright arms (7) provided with clicks (8),

10 said back plate (11) being provided with pressure points (14),
wherein, when securing the back plate to the reflector, the reference plane (16) is brought
into contact with said reflector surface, and the pressure points (14), when in contact with the
clicks (8) of the socket, displace the clicks (8) in the direction of the reflector over a distance
 Δx so as to put the annular spring (5) under tension, said distance Δx being such that the
15 annular spring (5) presses the reference plane towards said reflector surface with a force of at
least 5N, preferably with a force of at least 10 N.

2. Device according to claim 1, characterized in that the clicks (8) are displaced
by the pressure points (14) over a distance ranging from 0.5 mm up to 2 mm, preferably 0.8
20 mm to 1.3 mm.

3. Device according to claim 1 or 2, characterized in that the main body part (2)
is provided with two electrically conducting female terminals (10), and the back plate (11) is
provided with two mating electrically conducting male terminals (13) such that, when the
25 back plate is moved towards the socket, the male terminal (13) is inserted with friction into
the female terminal (10) so as to hold the back plate and socket together and to position the
pressure points (14) with respect to the clicks (8).

4. Device according to any one of the preceding claims, characterized in that the socket (1) is formed as an integral part from a synthetic resin, preferably polyamide.
5. Device according to any one of the preceding claims, characterized in that the back plate (11) is made from an electrically insulating material and is provided with one or more printed circuit(s) connected to the male terminals (13).
6. Device according to any one of the preceding claims, characterized in that the back plate comprises more than one set of pressure points (14) to bring an equal number of sockets into contact with a reflector unit provided with a number of reflectors.
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7. Socket for use in a device as claimed in any one of the claims 1 to 6.
8. Back plate for use in a device as claimed in any one of the claims 1 to 6.